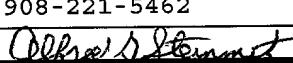


UTILITY PATENT APPLICATION TRANSMITTAL <small>For related nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No.	2000-0407	Total Pages	43																								
		First Named Inventor or Application Identifier			 PTO U.S. PATENT & TRADEMARK OFFICE 01/09/01 C952 09/7181																								
		Robert Raymond Miller II et al.																											
Express Mail Label No.		EL700777068US																											
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>			ADDRESS TO:	Commissioner for Patents Box Patent Application Washington, D.C. 20231																									
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(submit an original, and a duplicate for fee processing)</small></p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 27] <small>(preferred arrangement set forth below)</small></p> <ul style="list-style-type: none"> - Descriptive title of invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings(if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>3. <input checked="" type="checkbox"/> Drawing(s)(35 USC 113) [Total Sheets 4]</p> <p>4. Oath or Declaration [Total Pages 3]</p> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application(37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> <i>[Note Box 5 below]</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 163(d)(2) and 1.33(b)</small> <p>5. <input type="checkbox"/> Incorporation by reference^(useable if Box 4b is checked) <small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference herein.</small></p>			<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small></p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy(identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies 																										
ACCOMPANYING APPLICATION PARTS																													
<p>8. <input checked="" type="checkbox"/> Assignment Papers(cover sheet & document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b)Statement <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement(IDS)/PTO-1449 Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status still proper and desired</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input checked="" type="checkbox"/> Other : Request for Non-Publication</p>																													
<p>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No:</p>																													
18. CORRESPONDENCE ADDRESS																													
<input type="checkbox"/> Customer Number or Bar Code Label		(Insert Customer No. or Attach bar code label here)		<input type="checkbox"/> Correspondence address below																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33.33%;">NAME</td> <td colspan="5">Samuel H. Dworetzky</td> </tr> <tr> <td>ADDRESS</td> <td colspan="5">AT&T CORP. P.O. Box 4110</td> </tr> <tr> <td>CITY</td> <td>Middletown</td> <td>STATE</td> <td>New Jersey</td> <td>ZIP CODE</td> <td>07748-4110</td> </tr> <tr> <td>COUNTRY</td> <td colspan="5">United States of America</td> </tr> </table>						NAME	Samuel H. Dworetzky					ADDRESS	AT&T CORP. P.O. Box 4110					CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4110	COUNTRY	United States of America				
NAME	Samuel H. Dworetzky																												
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COUNTRY	United States of America																												
19. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED																													
NAME	Alfred G. Steinmetz			Reg. #	22971																								
TELEPHONE	908-221-5462																												
SIGNATURE				DATE	<i>Jan. 26, 2001</i>																								
"Express Mail" Mailing Label Number EL700777068US			Date of Deposit																										
<p>I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington D.C. , 20231</p> <p><i>Ann E. Taylor</i> (Printed Name of Person Mailing Paper)</p> <p><i>Ann C. Taylor</i> (Signature of Person Mailing Paper)</p>																													

FEE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity Statement, otherwise, large entity fees must be paid. See Forms PTO/SB/09-12

TOTAL AMOUNT OF PAYMENT

\$880.00

Complete if Known

Application Number

Filing Date

First Named Inventor

Robert Raymond Miller II et al.

Examiner Name

Group/Art Unit

Attorney Docket No.

2000-0407

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account
Number

01-2745

Deposit Account
Name

AT&T CORP.

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance

2. Payment Enclosed

 Check Money Order Other**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2520	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	Requesting publication of SIR after to Examiner action	
115	110	Extension for reply within first month	
116	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1390	Extension for reply within fourth month	
128	1890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1240	Petition to revive - unintentional	
142	1240	Utility issue fee (or reissue)	
143	440	Design issue fee	
144	580	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Statement	
581	40	Recording each patent assignment per property(times number of properties)	
146	710	Filing a submission after final rejection(37 CFR 1.129(a))	
149	710	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)			
Other fee (specify)			
* Reduced by Basic Filing Fee Paid			
SUBTOTAL(3)			

1. FILING FEE

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
101	710	Utility Filing Fee	\$710.00
106	320	Design Filing Fee	
107	480	Plant Filing Fee	
108	710	Reissue Filing Fee	
114	150	Provisional Filing Fee	
SUBTOTAL (1)			\$710.00

2. CLAIMS
 New Filing Amendment

		Extra Claims	Fee from below	Fee Paid
Total	25	- 20 =	5	x 18 = \$90.00
Ind.	4	- 3 =	1	x 80 = \$80.00
Multiple Dependent Claims		0		= \$0.00

Large Fee Code	Entity Fee(\$)	Fee Description
103	18	Claims in excess of 20
102	80	Independent Claims in excess of 3
104	270	Multiple Dependent Claims
109	80	Reissue independent claims over original patent
110	18	Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		
\$170.00		

Complete (if applicable)

Submitted By			
Typed or Printed Name	Alfred G. Steinmetz	Reg. Number	22971
Signature		Date	01/26/2001

SEND TO: Commissioner for Patents, Box: Patent Application, Washington, D.C. 20231

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	Robert Raymond Miller II et al.
	Title	Power Allocation Scheme For DMT-Based Modems Employing Simplex Transmission
	Atty Docket Number	2000-0407

962 U.S. PRO
09/771101
01/26/01

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Jan. 26, 2001
Date

Alfred G. Steinmetz
Signature

Alfred G. Steinmetz, Attorney
Reg. No. 22971

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**